





PTO-1449 REPRODUCED INFORMATION DISCLOSURE CITATION IN AN APPLICATION 5/19/2004 (Use several sheets if necessary)				ATTORNEY DOCKET NO. 301496.1005-118		APPLICATION NO. 10/748,690	
				APPLICANT Alice M. Chiang <i>et al.</i>			
				FILING DATE December 30, 2003		GROUP ART UNIT 3662	
U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
26	AA	4,034,483	Bernstein <i>et al.</i>	35	10.4		
26	AB	4,152,678	Shott <i>et al.</i>	333	150		
26	AC	4,159,462	Rocha <i>et al.</i>	340	1		
26	AD	4,173,007	McKeighen <i>et al.</i>	367	11		
26	AE	4,227,417	Glenn	73	625		
26	AF	4,233,678	Brady, III	367	122		
26	AG	4,241,608	Dees <i>et al.</i>	73	606		
26	AH	4,244,037	Jelks	367	121		
26	AI	4,245,333	Jelks	367	121		
26	AJ	4,253,168	Petrosky <i>et al.</i>	367	123		
26	AK	4,254,662	Kuroda <i>et al.</i>	73	626		
26	AA2	4,267,584	McKeighen <i>et al.</i>	367	11		
26	AB2	4,274,148	Hullenaar	367	122		
26	AC2	4,277,787	King	343	100		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
26	AL	2 130 798 A	06 Oct 82	United Kingdom			
26	AM	0 593 822 A1	19 Oct 92	EPO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
26	AR	Takeuchi, Y., "Coded Excitation for Harmonics Imaging", <i>IEEE ULTRASONICS SYMPOSIUM</i> , 1433-1437 (1996).					
26	AS	Brady, J.J., "A serial phase shift beamformer using charge transfer devices", <i>8014 Journal of acoustical Sty of America</i> , Vol. 68 (1980) August, N 2, New York, NY.					
26	AT	Beetner, D.G., and Arthur, M.R., "Generation of Synthetic-Focus Images from Pulse-Echo Ultrasound Using Difference Equations", <i>IEEE</i> , 665-672 (October, 1996).					
EXAMINER 				DATE CONSIDERED 2005 MARCH 11			

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B	AD2	4,307,613	Fox	73	626		
B	AE2	4,313,184	Jarman <i>et al.</i>	367	88		
B	AF2	4,336,607	Hill <i>et al.</i>	367	123		
B	AG2	4,401,957	McKeighen <i>et al.</i>	333	165		
B	AH2	4,464,726	Chiang	364	606		
B	AI2	4,544,927	Kurth <i>et al.</i>	343	373		
B	AJ2	4,616,231	Autrey <i>et al.</i>	342	374		
B	AK2	4,947,176	Inatsune <i>et al.</i>	342	173		
B	AA3	5,014,250	Hadderingh	367	124		
B	AB3	5,029,144	Griffin	367	11		
B	AC3	5,030,953	Chiang	341	172		
B	AD3	5,031,625	Higashiizumi <i>et al.</i>	128	660-01		
B	AE3	5,089,983	Chiang	364	844		
B	AF3	5,126,962	Chiang	364	725		
B	AG3	5,200,755	Matsuda <i>et al.</i>	342	158		
B	AH3	5,228,007	Murakami <i>et al.</i>	367	103		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
B	AU	Broadstone, S.R., and Arthur, M.R., "Determination of Time-of-Flight Surfaces Using the Method of Moments", <i>IEEE</i> , 173-179 (June, 1991).					
B	AV	Shott, J.D., et al., "Charge-coupled devices for use in electronically-focused ultrasonic imaging systems", <i>8049 Proceedings of the I.E.E.-F</i> , Vol. 127 (1980) April, N°2, Stevenage.					
B	AW	Macovshi, Albert, "Ultrasonic Imaging Using Arrays", <i>Proceedings of the IEEE</i> , Vol. 67, No. 4, April, 1979.					
B	AX	Tanaka, T., et al., "Digital Signal Processor for Digital Multi Beam Forming Antenna in Mobile Communication", <i>Proceedings of the Vehicular Technology Conference</i> , Stockholm, Vol. 3, Conf. 44, pp. 1507-1511 (June 8-10, 1994).					
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26	AI3	5,276,452	01/04/94	Schuss <i>et al.</i>	342	371	
26	AJ3	5,309,409	05/03/94	Jones <i>et al.</i>	367	103	
26	AK3	5,343,211	08/30/94	Kott	342	379	
26	AA4	5,363,108	11/08/94	Fullerton	342	27	
26	AB4	5,386,830	02/07/95	Powers <i>et al.</i>	128	661.09	
26	AC4	5,517,537	05/14/96	Greene <i>et al.</i>	376	252	
26	AD4	5,533,383	07/09/96	Greene <i>et al.</i>	73	40.5	
26	AE4	5,535,150	07/09/96	Chiang	364	724.19	
26	AF4	5,555,200	09/10/96	Chiang	364	606	
26	AG4	5,555,534	10/10/96	Maslak <i>et al.</i>	367	175	
26	AH4	5,590,658	01/07/97	Chiang <i>et al.</i>	128	661.01	
26	AI4	5,623,930	04/29/97	Wright <i>et al.</i>	128	661.1	
26	AJ4	5,685,308	11/11/97	Wright <i>et al.</i>	128	660.07	
26	AK4	5,822,276	10/13/98	Miklovic	367	103	
26	AA5	5,904,652	05/18/99	Gilbert <i>et al.</i>	600	447	
26	AB5	6,111,816	08/29/00	Chiang <i>et al.</i>	367	7	
26	AC5	6,292,433 B1	09/18/01	Gilbert <i>et al.</i>	367	138	
26	AD5	6,671,227 B2	12/30/03	Gilbert <i>et al.</i>	367	138	
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